

ABSTRACT

A removable material hopper assembly for gravimetric batch blenders including a hopper, a metering assembly and a releasable securing assembly. The hopper is removable from the blender, and includes a metering slide gate that can be used to tightly seal off the bottom of the hopper during the removable operation. The releasable securing assembly incorporates a tongue and groove subassembly and a pin and bracket subassembly to properly align and secure the hopper to the blender during operation, but also enables easy removal of the hopper when necessary.